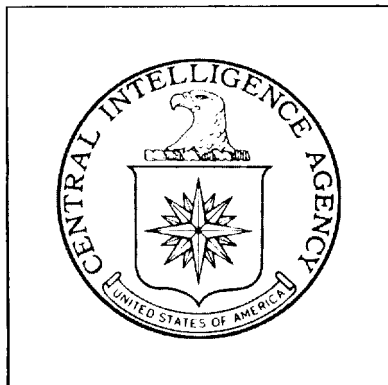


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DIRECTORATE OF
INTELLIGENCE

Imagery Analysis Report

Gorkiy Shipyard 112

Gorkiy, USSR



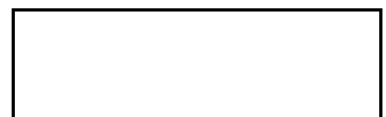
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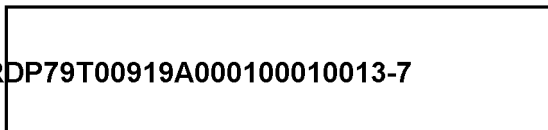
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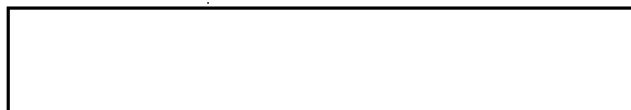


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GORKIY SHIPYARD 112

GORKIY, USSR

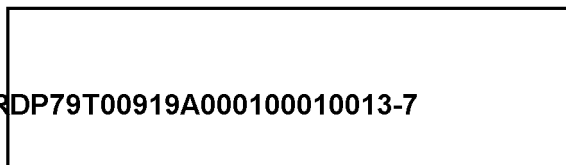


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SHIPYARD : GORKIY SHIPYARD 112
 LOCATION : GORKIY, USSR
 GEO COORDS: 56-22N 043-53E

25X1

KEY TO NUMBERED ANNOTATIONS ON FIGURE 1

25X1

1. Unidentified yard craft (LOA approx [REDACTED])

2. Probable fitting-out float (overall dimensions approx [REDACTED])

25X1

3. Probable barge (LOA approx 250').

This barge has been observed in this same position [REDACTED]

25X1

25X1

[REDACTED] A long, raised, permanent appearing walkway leads from the barge to an area well up on shore, suggesting that it may serve as a pier. The overall length (approximately 250 feet) and the raised side walls suggest that it could be an old transporter dock similar to the type used to transport "W" Class SS.

25X1

25X1

4. Probable barge (LOA approx 250').

This barge appears similar to the probable barge at annotation 3 above. The raised side walls and narrow beam suggest that it also could be a small transporter dock.

25X1

25X1

5. Possible VANYA Class MSI (visible LOA approx 130').

Identification is based on the approximate size and position of the superstructure, overall hull shape, and the approximate length.

25X1

25X1

* All measurements have been made by CIA/IAS.

25X1

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25X1

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25X1

6. Unoccupied transporter dock (LOA approx 435'; inside length approx 375').

25X1

7. Unoccupied transporter dock (LOA approx 435'; inside length approx 375').

25X1

8. Possible APL/YR (LOA approx [redacted] fitting out.

No apparent progress can be discerned [redacted] The large rectangular hull opening amidships is still apparent. [redacted]

25X1

25X1

25X1

9. Small floating crane.

This crane does not have the typical rectangular platform commonly found on floating cranes. This platform has one rounded end and one squared end.

25X1

10. Probable SORMOVICH type hovercraft (LOA approx 90') on barge.

25X1

11. Probable hydrofoil (LOA approx [redacted])

12. Three-hatch barge (LOA approx 135').

25X1

13. Two small barges (LOA of each approx 65').

25X1

14. Probable APL/YR (LOA approx [redacted])

This vessel has not changed position or appearance [redacted]

25X1

25X1

15. Two rectangular YRSN (LOA of each approx 190').

25X1

25X1

16. ZEYA Class YRSN (LOA approx [redacted])

A ZEYA Class YRSN was observed in the yard [redacted]

25X1

25X1

17. Small barge (LOA approx 80').

A probable catwalk extends from the barge to the partially completed quay.

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25X1

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18. Unidentified auxiliary (LOA approx [redacted])

25X1

19. Possible APL/YR (LOA approx 320').

25X1

20. Small probable transporter dock (LOA approx 255').
A raised square object (approximately 20 feet on a side) is positioned approximately 55 feet from the end closest the quay. A dark-toned circle (approximately [redacted] in diameter) is within the square object. [redacted]

25X1

25X1

25X1

21. Possible APL (visible LOA approx 385').
The stern end-point of this vessel is obscured by the quay. [redacted]

25X1

25X1

25X1

22. Unidentified SS (visible waterline length approx [redacted])
Identification of this submarine is still precluded by shadows cast from the large possible APL at annotation 21 above. [redacted]

25X1

25X1

25X1

[redacted] Light-toned raised imagery, possibly equating to the forward portion of the sail, extends through the amidships shadowed area, beginning at a point approximately 85 feet aft of the visible bow end-point and extends aft approximately 25 feet. Unidentified dark-toned imagery possibly equating to the base of the sail or scaffolding around the base of the sail is visible from the forward edge of this light-toned imagery, aft approximately [redacted]

25X1

25X1

A small, light-toned circular object is visible through the shadows, approximately 220 feet aft of the bow. This object could equate to a telephone bouy or a hatch ring. Further analysis of this submarine will have to await receipt of good quality stereo photography free from the heavy shadow effect encountered on this monoscopic coverage.

23. Rectangular YRSN (visible LOA approx 190').
This barge appears similar to the barges at annotation 15 above and the barge at annotation 34 below. [redacted]

25X1

24. Probable "J" Class SSG sail (visible LOA approx [redacted])
The leading end-point cannot be readily distinguished due to shadows. The approximate size, overall shape, and the probable snorkel exhaust on the trailing edge all equate favorably to the "J" Class SSG sail. This sail appears to have scaffolding along both sides. [redacted]

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25. Floating crane (overall dimensions of platform approx 90 by 45').

26. Unidentified probable submarine sail (length approx [redacted] resting on quay. This sail appears similar to a probable sail observed [redacted] except that the leading half of this sail is light-toned [redacted]. The light-toned appearance of the leading half of this sail could be caused by a canvas covering. [redacted]

25X1

25X1

25X1

25X1

25X1

27. Five-hatch barge (LOA approx 160').

A similar barge was observed in the yard [redacted]

25X1

25X1

28. Floating crane (overall dimensions of platform approx 125 by 45').

25X1

25X1

25X1

29. Two-hatch barge (LOA approx [redacted])

30. Small two-hatch barge [redacted]

25X1

25X1

31. Fitting-out barge (LOA approx 275').

25X1

25X1

[redacted] This barge has been visible in this same position [redacted]

32. Large unoccupied transporter dock (LOA approx 440'; inside length approx 380'; overall beam approx [redacted] inside beam approx 35').

25X1

25X1

33. "J" Class SSG (visible waterline length approx [redacted])

25X1

Shadows are visible immediately forward of both sets of missile launchers indicating that they are in an elevated position. The sail on this submarine appears to be intact. It is noted that this submarine is positioned perpendicular to, and in line with, the center of the transverser platform. It is further noted that the launching cradle is not visible on the transverser platform indicating that it is in the water and possibly under the submarine.

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34. Rectangular YRSN (LOA approx [REDACTED])
This barge appears similar to the barges at annotation 15 and 23 above. This barge may have been positioned in front of the launch basin gate to shield the "J" Class SSG at annotation 33 above from observation from the river. A vertical screen is positioned on the end of the barge furthest from the quay.

25X1

35. Unidentified SS (could not be measured).
Shadow cast by the barge at annotation 31 above obscures the stern of this submarine. The unique stepped sail and the large shack-like structure on the bow [REDACTED].
A vertical screen is positioned just off the starboard bow, apparently obscuring the submarine from view from the river.

36. Two rows of probable vertical screens are positioned inboard of the "J" Class SSG at annotation 33 above. One row extends almost the entire width of the launch basin and the other row extends from the port quarter of the submarine aft to a point on the launch basin wall near the basin entrance. The purpose of those screens positioned in this area is not apparent.

25X1

37. Large unoccupied transporter dock (LOA approx 440'; inside length approx 380'; overall beam approx [REDACTED] inside beam approx 35').
This dock appears identical to the dock at annotation 32 above. See

25X1

38. SOVETSKI AZERBAIJAN Class train ferry under construction (LOA of completed portion approx 350').
The bow and stern sections are not yet in place. The train deck is not yet in place, thus permitting observation of the bottom deck. The visible compartmentation of the bottom deck appears nearly identical to the deck plans of the train ferry SOVETSKI AZERBAIJAN published in the 30 January 1963 edition of Shipping World Magazine. See Figure 1a for a comparison [REDACTED]

25X1

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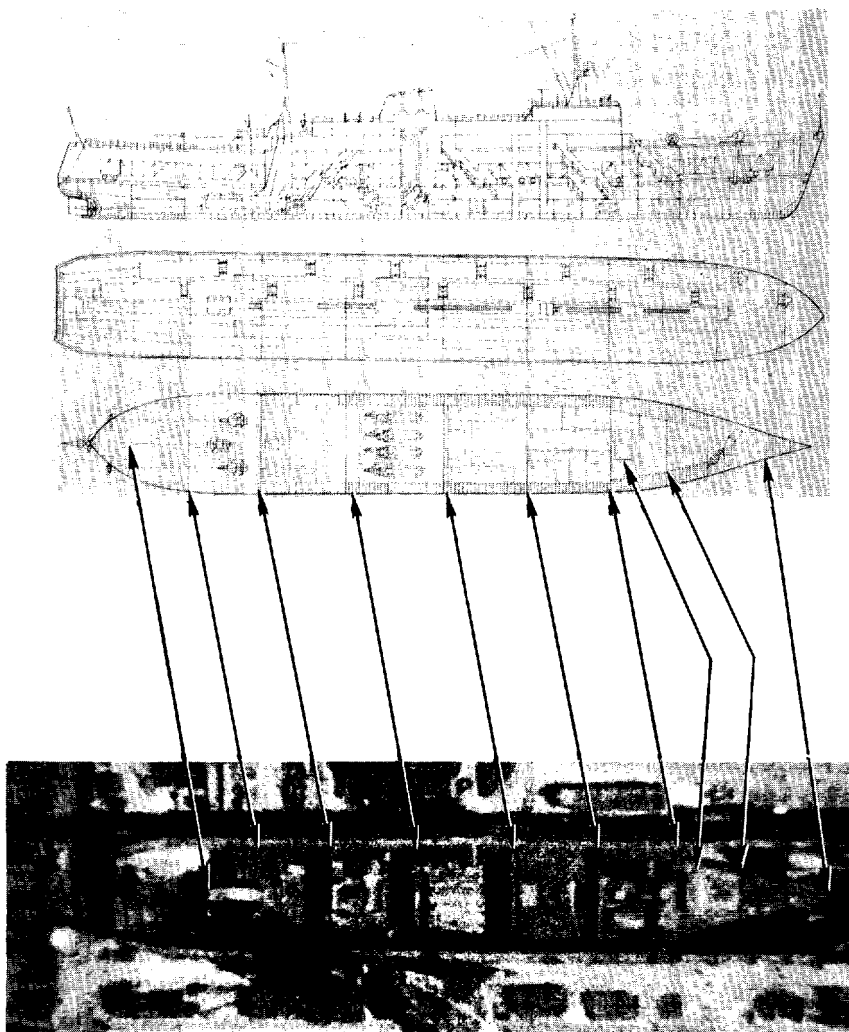
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TRAIN FERRY CONSTRUCTION GORKIY SHIPYARD 112, GORKIY, USSR

PROFILE AND DECK PLANS OF THE TRAIN FERRY "SOVETSKI AZERBAIJAN"
FROM THE 30 JANUARY 1963 EDITION OF "SHIPPING WORLD"



SOVETSKI AZERBAIJAN CLASS TRAIN FERRY IN AN EARLY STAGE OF CONSTRUCTION

FIGURE 1A

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25X1

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KEY TO FACILITY ANNOTATIONS ON FIGURE 1

25X1

- A. Unidentified building undergoing expansion (overall dimensions of original building approx [REDACTED])
This building is probably associated with the shipyard; however, it could be associated with the Heavy Equipment Plant 112. The area of excavation and visible footings indicate that the extension will extend the complete length of the original building and be roughly 285 feet wide, probably having four bays running along the width axis.

25X1

- B. Two-bay shop-type building under construction.
No visible progress has been made on this building. [REDACTED]

25X1

25X1

- C. Unidentified building undergoing expansion.
The walls of the section under construction appear to be extremely thick (approximately [REDACTED]) however, it is believed that scaffolding surrounding these three new walls probably exaggerates their apparent thickness. It is noted that the inside width of the new section appears to be approximately the same width as the original portion of the building. [REDACTED]

25X1

25X1

- D. Open storage area.
Contains numerous circular objects, many of which equate favorably to submarine hull sections and frames. [REDACTED]

25X1

25X1

- E. New quay extension.
Construction is continuing on the new quay extension and it is now apparent that the quay will be at least 740 feet long when complete. It can be extended along its present course to the southernmost fitting-out area.

25X1

- F. New fabrication/construction hall.
Approximately 30 feet of roof sections have been added [REDACTED]

25X1

25X1

- G. New construction hall.
No apparent progress has been made on the still incomplete third bay of the new construction hall [REDACTED]

25X1

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II. Construction activity.

An area along the shoreline extending from the launch basin wall north approximately 540 feet has been leveled and appears to be undergoing preparation for the construction of a new quay. The leveled area is approximately 55 feet wide. Three large pieces of equipment (probably cranes, shovels, or pile drivers) are visible on the leveled area.

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SHIPYARD : GORKIY SHIPYARD 112
LOCATION : GORKIY, USSR
GEO COORDS: 56-22N 043-53E

25X1

KEY TO ANNOTATIONS ON FIGURE 2

25X1

1. "J" Class SSG (visible waterline length approx 275').

25X1

2. Unidentified small craft (visible LOA approx 70').

25X1

3. Two-hatch barge (LOA approx 135').

25X1

4. Rectangular YRSN (LOA approx 190').

25X1

5. Probable hydrofoil

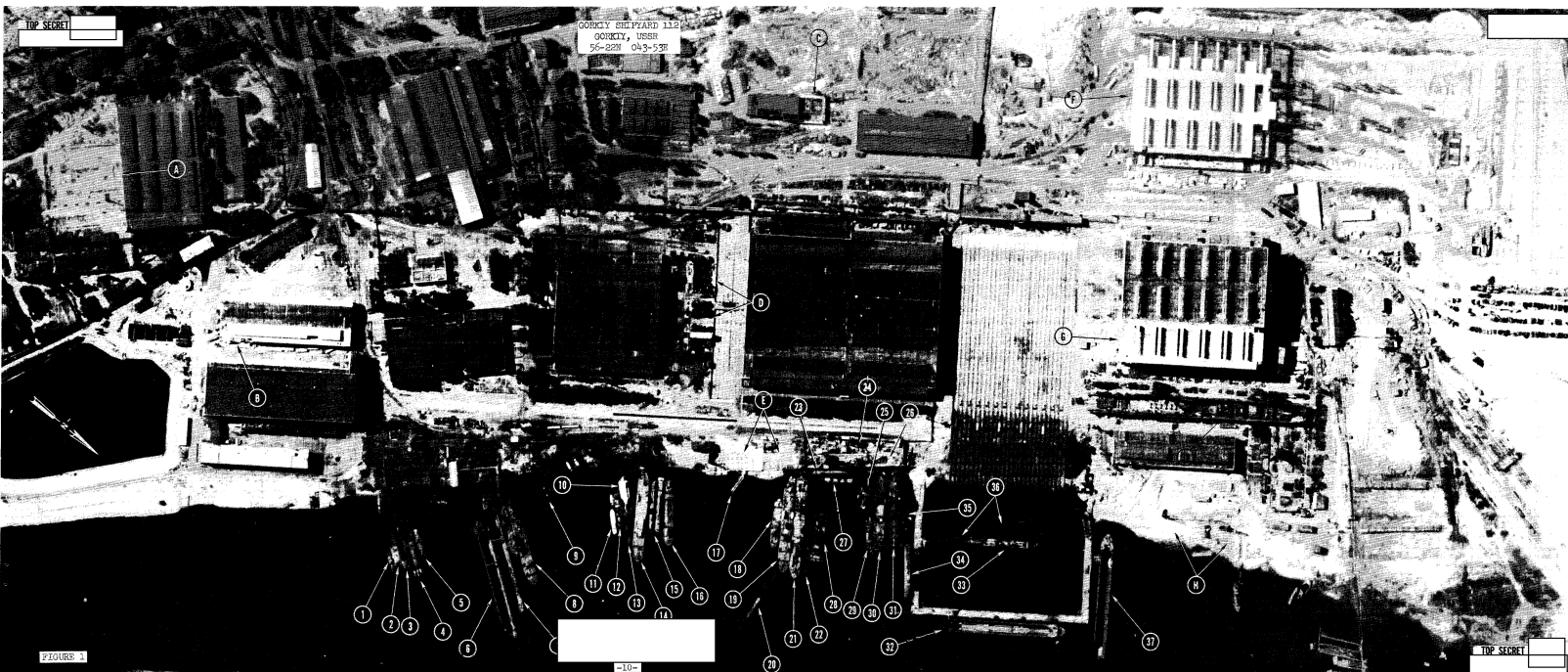
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SHIPYARD : GORKIY SHIPYARD 112
LOCATION : GORKIY, USSR
GEO COORDS: 56-22N 043-53E

25X1

KEY TO ANNOTATIONS ON FIGURE 3

25X1

1. "P-6" Class PT (LOA approx 85').
The forward gunmount and torpedo tubes common to this class are not fitted on this craft, suggesting that this could be a "KGB" unit of the "P-6" Class.

25X1

25X1

2. Probable BURVESTNIK Class hydrofoil (LOA approx [redacted]).
Identifying characteristics include: the observation dome just forward of amidships; vertical fin mounted on the pointed stern; two possible foils protruding from under the starboard side (one just forward of the observation dome and one near the stern); hull outline; and overall length.

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CORKY SHIPYARD 112

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56-22N 043-53E

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FIGURE 3

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REFERENCES

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DOCUMENTS

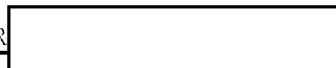
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CIA/PIR-77036, Gorkiy Shipyard 112, Gorkiy, USSR



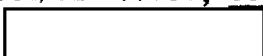
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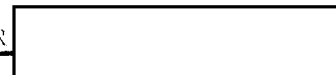
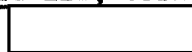
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CIA/PIR-77080, Gorkiy Shipyard 112, Gorkiy, USSR



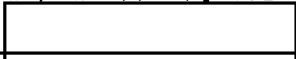
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CIA/PIR-77087, Gorkiy Shipyard 112, Gorkiy, USSR



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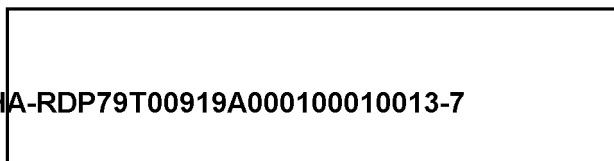


Shipping World, 30 January 1963 Edition, page 293 UNCLASSIFIED

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